

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6527	(text character)near5(speech voice)near5 conver\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 17:28
L2	127419	(rf radio wireless infrared ir irda)same(distance location proximity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 17:49
L3	47	1 same 2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 17:41
L4	630	(rf radio wireless infrared ir irda)same 1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 17:42
L5	2274	(rf radio wireless infrared ir irda bluetooth)same(automatic\$ with(link communicati\$)with(connect\$ establish\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 17:52
L6	30	1 and 5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 17:52

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**MAPQUEST**  
FIND IT MAPS DIRECTIONS

## Directions

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START

8993 Omega Ct  
Springfield, VA 22152-2190, US - [Hotel Offers](#) - [Flight Offers](#)

END

8101 Lorton Rd  
Lorton, VA 22079-2701, US - [Hotel Offers](#) - [Flight Offers](#)



## Find Nearby:

(e.g., Theaters)

8993 Omega Ct, Springfield, VA 22152-2190 Or

Top Categories Search

### Maneuvers

[Reverse Route](#) | [Avoid Highways](#) | [Revise Route](#)

### Distance Maps

- START

1:Start out going NORTHWEST on OMEGA CT toward BLARNEY STONE DR.

<0.1 miles

Map
- 2:Turn LEFT onto BLARNEY STONE DR.

<0.1 miles

Map
- 3:Turn LEFT onto FIELD MASTER DR.

0.1 miles

Map
- 4:Turn LEFT onto OLD KEENE MILL RD/VA-644 E. Continue to follow VA-644 E.

4.2 miles

Map
- 5:Merge onto I-95 S toward RICHMOND.

5.6 miles

Map
- 6:Take the VA-642 exit- EXIT 163- toward LORTON.

0.2 miles

Map
- 7:End at 8101 Lorton Rd, Lorton, VA 22079-2701 US

Map

**Total Est. Time: 14 minutes Total Est. Distance: 10.36 miles**

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### Route Overview Map

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US 20020197955A1

(19) United States

(12) Patent Application Publication  
Witkowski et al.

(21) Pub. No.: US 2002/0197955 A1  
(43) Pub. Date: Dec. 26, 2002

(54) WIRELESS COMMUNICATIONS SYSTEM AND METHOD

Related U.S. Application Data

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(63) Continuation of application No. 06/975,196, filed on Apr. 29, 2002, divided from international application No. PCT/US00/24692, filed on May 23, 2000.  
(60) Provisional application No. 60/135,979, filed on May 28, 1997.

Publication Classification

(31) Int. Cl. G02C 11/24  
(52) U.S. Cl. 455/41; 701/214

(57) ABSTRACT

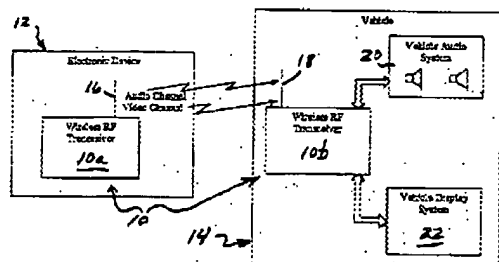
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A system for communicating information between electronic devices. The system includes a transceiver provided in a vehicle. The transceiver communicates with an electronic device located external to the transceiver using a Bluetooth communications standard.

(21) Appl. No.: 10/127,583  
(22) Filed: Apr. 23, 2002

INTEGRATION WITH VEHICLE AUDIO/DISPLAY SYSTEM



DOCUMENT IDENTIFIER: US 20020197955 A1

TITLE: Wireless communications system and method

----- KWIC -----

Summary of Invention Paragraph - BSTX (2):

[0002] This invention relates to wireless communications devices, and more particularly to a wireless communications system and method which facilitates an automatic wireless connection and wireless communication of voice and/or data information between various electronic components such as notebook computers, cellular telephones, hand held computing devices, pagers, audio devices, display terminals and other electronic systems.

Summary of Invention Paragraph - BSTX (11):

[0011] In view of the foregoing, it would therefore be desirable to provide a wireless communications system adapted for use in automotive applications to permit the wireless exchange of voice and/or data between various portable electronic devices and various electronic subsystems of a motor vehicle. Such a system would preferably include a first electronic component which could be readily integrated with a wide variety of electronic devices such as notebook computers, pagers, PDAs, cellular phones, etc., and a second component which could easily be integrated with various electronic subsystems of a motor vehicle such as an audio system, microphone, in-dash or overhead display system, on-board navigation system, etc. The first and second components would also preferably be extremely compact, lightweight, have low power requirements, and would therefore be very easily integrated into the various portable electronic devices described above, as well as into the various electronic subsystems of the vehicle. The components would preferably be able to automatically establish a wireless communications link as soon as the electronic device incorporating the first component comes into proximity with the vehicle, where the vehicle incorporates the second component. Such a system would completely obviate the need for any external cables to be attached between the electronic device(s) and the subsystem(s) of the vehicle.

Summary of Invention Paragraph - BSTX (15):

[0014] The present invention is directed broadly to a wireless communications system and method for transmitting information between two or more electronic devices. In one preferred embodiment a miniature RF transceiver is integrated into each electronic device. The RF transceivers are low power, short range transceivers that enable the exchange of voice and/or data information between the two devices. The wireless communications link between the devices is established automatically when the devices come within a predetermined proximity to each other. Thus, information can be transmitted

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